KOSTRZEWSKI J. State Inst of Hygiene, Cracow. Epidemiologia graczki okopowej The epidemiology of trench fever Bulletin International de L'Academie Polonaise des Sciences et des Lettrew, Cracow 1949, 7-10 (233-263) Graphs 7 Tables 2

During World War II trench fever assumed an epidemic character on the Eastern fromt. Indications are that in the louse or in its excreta R. quintana may preserve its virulence up to one year. In trench fever patients the rickettsiae appear in the circulating blood, urine and rarely in the saliva. In convalesents rickettsiae persist in the blood druing the first weeks, months and even up to eight years, after the cessation of symptioms. The infection is conveyed to man by rubbing the excreta into the skin or bb inhalatiom. Asumptomatic infections with the presence of rickettsiae in the blood of healthy persons were recorded. This carrier state may either be transitory or may last for several months and even years. The diagnosis os added by microscopic agglutination and complement-fixation tests using suspensions of R. quintana as antigen.

Anigstein--Galveston (XX, 6. 4)

SO: Medical Microbiology and Hygiene Section IV, Bol. 3, No. 7-12

PRZYBYLKIEWICZ, Z.; KOSTRZEWSKI, J.; MAZUR, W.

British Children

Treatment of typhoid fever with typed bacteriophages. Med. dosw. : (CLML 23:3) mikrob., Warss. 4 no. 3:312-313 1952.

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Krakow.

KOSTRZEWSKI, J.

Typhoid and paratyphoid fevers according to investigations of the bacteriological laboratory of the State Hospital for Infectious Diseases in Krakow in the last 30 years. Med. dosw. mikrob., Warsz. 4 no. 3:313-316 1952. (CIML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Krakow.

KOSTRZEWSKI, J.; SZUFA, M.

Complement fixation in typhus. Med. dosw. mikrob., Warss. 4 no. 3:390-392 1952. (CLML 23:3)

1. Summary of work progress presented at 11th Congress of Polish Microbiologists held in Krakow May 1951. 2. Krakow.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825310005-7"

KOSTHZEWSKI, J.

Diagnosis of typhoid fever in inter-epidemic periods. Polski tygod. lek. 8 no.8:281-286 23 Feb 1953. (CIML 24:5)

1. Of the Infectious Department (Head--Prof. Jozef Kostrzewski, M.D.) of Krakow Clinical Hospital and of the Epidemiological Division of the State Institute of Hygiene in Warsaw.

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KOSTRZEWSKI, J. The same of the second second

Isolated cases of typhoid fever. Przegl.epidem.Warsza. 9 no.1:31-35 1955.

1. Z Kliniki Chorob Zakaznych A.M. w Krakowie. (TYPHUS

isolated cases in Poland)

Clinic of Contagion Discos, Akad of Inad. Krekow.

CIA-RDP86-00513R000825310005-7" APPROVED FOR RELEASE: 06/14/2000

KOSTRZEWSKI, Josef,

Immunization against tetamus; immune bodies and recovery. Poleki tygod. lek. 10 no.19:604-606 9 May '55.

1. Z Kliniki Choreb Zakaznych A.M. w Krakowie; kierownik: prof. dr Josef Kostrzewski) Krakow, ul. Kopernika 17.

(TETANUS, prevention and control)

Clinic of Contagions Diseases, aced of medicine, Krickow

EXCERPTA MEDICA Sec 8 Vol 9/9 Neurology Sept 56

1111. KOSTRZEWSKI J. Klin. Chorób Zak. A. M., Kraków. *Czym jest spowodowana różnica skuteczności surowicy przeciwtęzcowej zależnie od tego czy ja
uzyto jako środka zapobiegawczego, czy leczniczego? Why is the antitetanus-serum prophylactically effective and therapeutically ineffective? POL. TYG. LEK. 1955, 10/36 (1173-1174)
This fact is best explained by the author's theory that tetanus toxin is active only
furing the incubation. In this period it produces disturbances in the metabolism of

This fact is best explained by the author's theory that tetanus toxin is active only during the incubation. In this period it produces disturbances in the metabolism of acetyleholine and other functional disorders. After this it is completely exhausted and no more letanus toxin action exists at the beginning of the clinical manifestations. The evolution of humoral disorders continues in analogy to the enzymatic reactions without further cooperation of the toxin. Tetanus-antitoxin applied during the incubation neutralizes tetanus-toxin active in this period, its clinical use is therefore indicated and its action well understood. In the following period, i.e. during fully developed tetanus the use of tetanus-antitoxin is ineffective, because no more tetanus-toxin is present which could be neutralized.

Kostrzewski - Cracow (XVII, 8)

MARCH IN MEDICA Sec 4 Vol. 10/9 Kicrobiology Sept 57

2163. KOSTRZEWSKI J. Klin. Chorob Zakażnych RDPSG-00513R000325310005 APPROVED FOR RELEMANTE COM 1.14 (2000 cin action against rabies POL.

A speculative article based on papers by Nitsch, published in Poland in 1904 (Medycyna, 1904, 31, 641) concerning the desirability and dangers of vaccination against rabies. Nitsch observed that early deaths after a bite by the rabid animal occurred more often when followed by vaccination, than in non-vaccinated persons, while late deaths were observed more often in non-vaccinated persons. Further exposure of dogs, and therapeutic vaccination in man and it is concluded that the desirability of antirabid vaccination is highly questionable. Kohn - Rehovot

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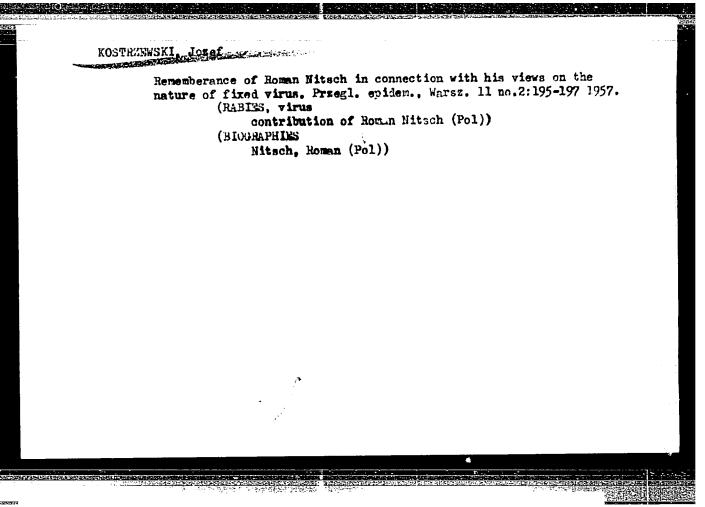
EXCERPTA MEDICA Sec. 6 Vol. 11/9 Sept. 57

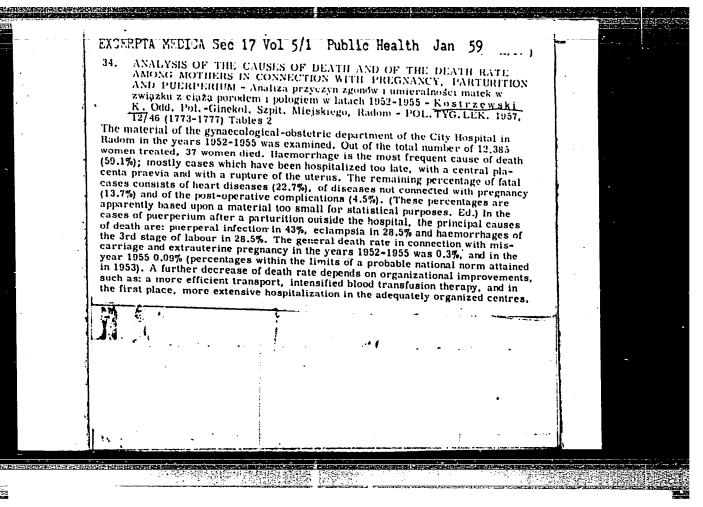
KOSTRZEWSKI J. Z. Klin. Chor. Zakaźnych A. M., Kraków; Zakł. Epidemiol. A. M., Warszawa. *Obraz kliniczny nawrotów duru wysypkowego. Clinical pieture of recrudescences of typhus POL. TYG.

LEK. 1956, 11/17 (721-728) Graphs 5 Tables 9

The statistical anaż w of the world's literature indicates that the highest incidence of recrudescences of typhus occurs 18 yr. after the primary infection. The increase of typhus causes in Poland in the years 1930-1935 would correspond theoretically to the interval following the typhus epidemics of the first World War. An important role is attributed to the sporadic recrudescences in the intercpidemic periods. A clinical study of 56 typhus patients during 1949-1955 was made establishing 21 recrudescent cases among them. In the latter group the Weil-Felix test was positive in 19% while the complement fixation test gave 23 positive results with the specific rickettsial antigen. Skin rash was observed in Il cases. No significant clinical differences were established between the primary and recrudescent cases of typhus fever.

Anigstein - Galveston, Tex. (XX, 6)





KOSTRZENSKI, J.; SKAWIESKA, Z.; MACH, B.; ECER, J.; DUMANSKA, K.

Tissue respiration in experimental tetanus. Pat.polska 9 no.2:105-115

Apr-June 1958

1. Z Kliniki Chorob Zakasnych Kierownik prof. dr J. Kostrzewski i s

Zakladu Mikrobiologii Lekarskiej A.M. w Krakowie Kierownik prof. dr.

Z. Przybylkiewics. Adres autora: Krakow, Kopernika 17, Klinika Chor.

Zakasnych Akad.Med.

(TETANUS, metab.

tiesue metab. in dog (Pol))

(METABOLISM, TISSUE,

in exper. tetanus in dog (Pol))

EXCERPTA MEDICA Sec 8 Vol 12/5 Neurology May 59

2581. MATERNAL AGE AND DOWN'S DISEASE - Wick matki a choroba L. Downa - Kostrewszki J. Wojewódskiej Przychodni Specjalistycznej, Poradni, Zdrowici Psychicznego, Lublin - PRZEGŁ, LEK. 1958, 14/2 (54-56)

Graphs 1 Tables 2 There are 2 views on the relationship between Down's disease and the age of the mother. Stoelzner, Bleyer, Bennhold-Thomson, Benda and others contend on the basis of statistical data that children with Down's disease are born of older mothers. The other view, presented by Kłossowskyj and Russkich, is opposed to this statement. The present work aims at finding out whether a relationship exists between mongolism and the age of the mother. The material consisted of 50 cases of children with Down's disease under treatment in the outpatient department of psychical health in Lublin and 200 cases for the control group (166 mental deficient non-mongoloids and 34 normals). The confidence interval for the median of the ages of mothers giving birth to mongoloids was $32.0 < \mu < 38.6$ against $26.2 < \mu < 29.0$ in the control group. 58% of the mothers were over the age of 36 at the time of birth of the mongoloid child, with only 12.5% in the control group. These results seem to confirm the supposition that Down's disease is related to the higher age of the mothers. They indicate, however, that the factors causing this disease are not invariably linked with the age of the mother.



Typhoid infection in student dormitories in Krakow during 1957. Przegl. epidem., Warsz. 13 no.3:223-225 1959

1. Z Kliniki Chorob Zakaznych A. M. w Krakowie Kierownik: Prof. Dr. Josef Kostrzewski Z Wojewodzkiej Stacji Sanitarno-Spidemiologicznej w Krakowie Dyrektor: doc. dr M. Bilek.Ze Stacji Sanitarno-Spidemiologicznej Miasta Krakowa Dyrektor: dr A. Poznanski.

(TYPHOID, epidemiol.)

KOSTRZEWSKI, Kasimiers

Analysis of causes of deaths and maternal mortality in pregnancy, birth and puerperium during 1952-1955. Pelski tygod. lek. 12 no.46:1773-1777 18

Nov 57.

1. Z Oddzialu polozniczo-ginekologicznego Szpitala Miejskiego w Radomiu; ordynator i dyrektor: dr K. Kostrzewski.

(MATERNAL MORTALITY, statistics,
in Poland (Pol))

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是一种的基本企业的**的**

ZDUNCZYK-PAWELEK, Helena; OTRZONSEK, Norbert; KOSTRZEWSKA, Krystyna

The influence of the simultaneous administration of 5-bromosalicylohydroxamic acid (T-40) and isonicotinic acid hydrazide on the concentration of free isonicotinic acid hydrazide in the urine of patients with pulmonary tuberculosis. Gruzlica 33 no.5:411-415 My 165.

1. Z Kliniki Ptizjatrycznej Slaskiej AM w Zabrzu (Kierownik: prof. dr. L. Deloff).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825310005-7"

ZDUNCZYK-PAWELEK, Helena; OTRZONSEK, Norbert; KOSTRZEWSKA, Krystyna

Determination of the rate of INH metabolism in the organism using a simple urinary compensation test. Gruzlica 32 no.10: 887-893 0 164

1. Z Kliniki Ftizjatrycznej Slaskiej ^kademii Medycznej w Zabrzu (Kierownik: prof. dr. med. L. Deloff).

BIECANOWSKA, Zofia; DAROSZEWSKA, Irena; KOSTRZZWSKI, Marian

Indications for the therapy of giant cell timcurs. Ann. Univ. Lublin sect. D 19:311-320 64.

1. Katedra i Zhklad Radiologii, Wydzial Lekarski AM w Lublinie (Kierownik: doc. dr. med. Kazimierz Skorzynski).

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periodicals: GAZETA OESERWATORA. P.I.H.M.Vol. 12, no. 2, Feb. 1959

KCSTRZEWSKI, W. Training of groups for meteorologic service in Yugoslavia. p. 14.

Monthly List of East European Accessions (EEAI) LC VOL. 8, no. 5 May 1959, Unclass.

More attention to the refrigerating capacity of meat combines. Mina.ind.SSSR 26 no.4:35-36 '55. (MIRA 8:10)

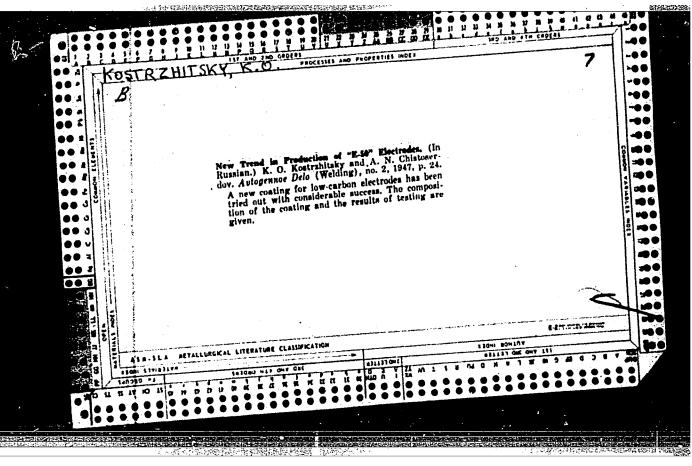
等。1987年,1987年,1987年

1. Ukrmyasomaslotorg
(Packing houses--Equipment and supplies) (Refrigeration and refrigerating machinery)

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KOSTRZHEVA, Yelena Ippolitovna, inzh.; BUZHIYEVSKIY, Ivan Iosifovich, inzh.; PILIPENKO, Yelizaveta Antonovna, inzh.; SABASHNIKOVA, Galina Petrovna, inzh.; FRANTSEVICH, N.N., inzh., retsenzent; BONDARENKO, O.P., inzh., red.izd-va; STARODUB, T.A., tekhn. red.

[Norms for the output, normal losses and expenditure of raw products and materials in the processing of cattle, poultry and rabbits, and in the manufacture of sausage products in the meat processing enterprises of the Ukrainina S.S.R.] Mormy vykhodov, estestvennoi ubyli, raskhoda syr*ia i materialov pri pergrabotke skota, ptitsy, krolikov i vyrabotke kolbasnykh isdelii na miasopererabatyvaiushchikh predpriiatiiakh Ukrainskoß SSR. Kiev, Gostekhizdat USSR, 1962. 130 p. (MIRA 16:5) (Ukraine—Meat industry—Production standards)



KOSTSELETSKIY, N. A.

Kostseletskiy, N. A. "On a method of planning and organizing potato-vegetable bases around industrial centers," Trudy mauch.-issled, in-ta obeshch. khoz.-va, Vol. I, 1948, p. 7-50 - Bibliog: 16 items

SO U-3264, 10 April 1953, (Letopis 'Zhurnal 'mykh Statey, No 3, 1949)

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Agriculture

Problems of organization and planning in suburban agriculture Moskva. Gos. izd-ve sel'khoz. lit-ry, 1951

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Uncl

AREF'YEV, T.I., kand. ekon. nauk; BRASLAVETS, M.Ye., prof., doktor ekon. nauk; BROZGUL', M.M.; VLASOV, N.S., prof., doktor ekon. nauk; DUBROVA, P.F., doktor ekon. nauk; YESAULOV, P.A., kand. sel'khoz. nauk; ZAL'TSMAN, L.M., prof., doktor sel'-khoz. nauk; KAL'M, P.A., dotsent, kandidat sel'skc-khoz. nauk; KCSTSELETSKIY, N.A., kand. ekon. nauk; KRYLOV, V.S., kand. sel'khoz. nauk; hiekind, A.S., dots., kand. ekon. nauk; MAKAROV, N.P., prof., doktor ekon. nauk; OGLOBLIN, Ye.S., kand. sel'khoz. nauk; POLOVENKO, S.I., kand. ekon. nauk; POPOV, S.A., dots., kand. ekon.nauk; SAPIL'NIKOV, N.G., doktor ekon. nauk; TISHCHENKO, G.A., prof., kand. ekon. nauk; TYUTIN, V.A., prof., doktor ekon. nauk; YANYUSHKIN, M.F., kand. ekon. nauk; PYLAYEVA, A.P., red.; FREYDMAN, S.M., red.; SOKOLOVA, N.N., tekhn. red.

[Organization of socialist agricultural enterprises] Organizatiia sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii; kurs lektsii. Moskva, Sel'khozizdat, 1963. 662 p.

(MIRA 16:8)

 Zaveduyushchiy otdelom ekonomiki Vsesoyuznogo nauchnoissledovatel'skogo instituta sakharnoy svekly (for Aref'yev).
 Odesskiy sel'skokhozyaystvennyy institut (for Braslavets).
 (Continued on next card)

AREF'YEV, T.I. -- (continued). Care ...

3. Moskovskaya seliskokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Vlasov), 4. Zaveduyushchiy otdelom ekonomiki i organizatsii Nauchno-issledovatel'skogo instituta sadovodstva im. I.V. Michurina (for Dubrova). 5. Moskovskiy Gosudarstvennyy universitet im. M.V.Lomonosova (for Zal'tsman, Polovenko), ó. Zaveduyushchiy kafedroy organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Kal'm). 7. Zaveduyushchiy otdelom ekonomiki Nauchno-issledovateliskogo instituta ovoshchnogo khozyaystva (for Kostseletskiy), 8. Vsesoyuznyy nauchnoissledovatel'skiy institut ptitsevodstva (for Krylov). 9. Moskovskiy ekonomiko-statisticheskiy institut (for Libkind), 10. Vsesoyuznyy seliskekhozyaystvenniy institut zaochnogo obrazovaniya (for Makarov). 11. Zaveduyushchiy otdelom ekonomiki Krasnodarskogo nauchno-issledovateliskogo instituta seliskogo khozyaystva (for Ogloblin). 12. Kafedra organizatsii sel'skokhozyaystvennogo proizvodstva Leningradskogo sel'skokhozyaystvennogo instituta (for Popov). 13. Zaveduyushchiy kafedroy Sovetskoy ekonomiki Vysshey partiynoy shkoly (for Sapil'nikov). 14. Voronezhskiy sel'skokhozyaystvennyy institut (for Tishchenko). 15. Leningradskiy sel'skokhozyaystvennyy institut (for Tyutin). 16. Direktor Severo-Kavkazskogo filiala Vsesoyuznogo nauchnoissledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Yanyushkin). (Agriculture-Economic aspects)

KOSTSINSKIY, W.

24079 KOSTSINSKIY, K. Grigoriy Breykin i Ivan Savin. (O tvorcheskon sodruzhestve skorostnika-tokarya i inzhenera. Ocherk). Zvezda, 1949, No. 6, S. 124-32.

SO: Letopis, No. 32, 1949.

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KCSTSINSKIY, K.

Reservoirs

Sea in the steppes. Krest'ianka 31 no. 7, 1952.

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KCSTSOV, A. A.

Textile industry and fabrics

An outstanding assistant foreman. , Tekst. prom., no. 1, 1952

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KOSTSOV, A.A.

[Construction and maintenance of twisting machines in the cotton industry]
Ustroistvo i obsluzhivanie kol'tsekrutil'nykh mashin khlopchatobumashnoge
proisvodstva. Moskva, Gos. izd-ve Kinisterstva legkoi i pishcheyoi promyahl.,
1953. 170 p.

(MIRA 6:10)
(Spinning machinery)

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KOSTSOV, Aleksandr Aleksandrovich; SOKOLOVA, V.Y.., redaktor; EL'KI-

[Construction and maintenance of cotton slubbing frames] Ustroistvo i obslushivanie trostil'nykh mashin khlopchatobumashnogo proisvodstva. Moskva, Gos. nauchno-tekhn. isd-vo Ministerstva promyshlennykh tovarov shirokogo potrebleniia SSSR, 1954. 103 p. (Cotton machinery) (Spinning machinery) (MERA 7:11)

KOSTSOV, A.A.

Ivaluation of textile literature by readers. Tekst.prom. 14 no.9:
45-46 3 154. (*IRA 7:11)

1. Upravlyayushchiy tekstil'trestom Ministerstva promyshlennykh tovarov shirokogo potrebleniya Litovskoy SSR.

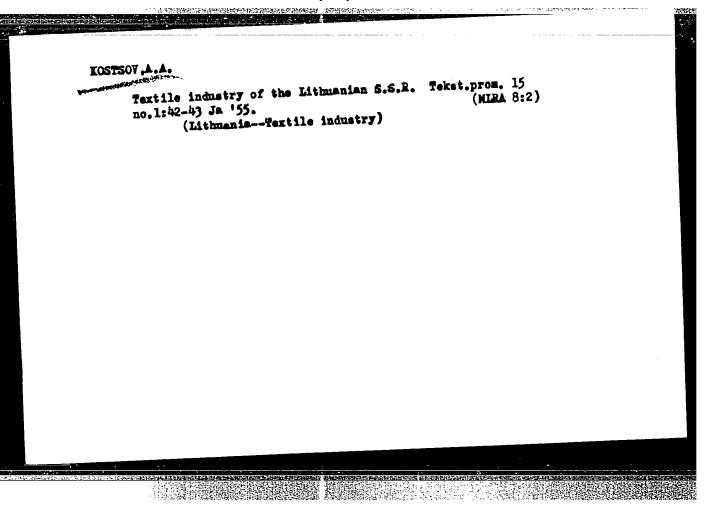
(Testile industry--Study and teaching)

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KOSTSOV, Aleksandr Aleksandrovich; SMIRNOV, V.Te., retsenzent;
SOKOLOVA, V.Te., redaktor; EL'KIHA, E.M., tekhnicheskiy redaktor.

[Construction and maintenance of twisting machines in the cotton industry] Ustroistvo i obslushivanie kol'tsekrutil'-nykh mashin khlopchatebumazhnogo preisvodstva. Izd.2-oe, iapr. Moskva, Gos.mauchno-tekhn.izd-vo Ministerstva promyshl. tovarev shirokogo potrebleniia SSSR, 1955. 192 p.

(Spinning machinery) (Cotton spinning) (MLRA 9:1)



XORITSKIY, Konstantin Ivanovich, prof., doktor tekhn.nauk; GRILIKHES,
Yefim Abramovich; KOSTSOV, Aleksandr Aleksandrovich; SOKOLOVA, V.Ye.,
red.; KOOAN, V.V., tekhn.red.

[Yarn and thread manufacture] Krutil'nos i nitochnos proisvodtsva.

[Yarn and thread manufacture] Krutil'nos i nitochnos proisvodtsva.
Pod red. K.I.Koritskogo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
Pod red. K.I.Koritskogo. Moskva, Gos.nauchno-tekhn

KOSTSOV, Aleksandr Aleksandrovich; MAL'MBERG, K Ye., kand. tekhn. nauk, retsenzent; KORITSKIY, k..., woktor tekhn. nauk, prof., retsenzent; CHUGREYEVA, V.N., red.

[Ring spinners in cotton manufacture] Kol'tse-krutil'nye mashiny khlopchato-bumazhnogo proizvodstva. Moskva, Legkaia industriia, 1964. 230 p. (MIKA 17:10)

EEC(k)-2/EWA(h)/EWT(1)/T IJP(c) ACC NR: UR/0410/65/000/003/0106/0112 AP6017386 SOURCE CODE: AUTHOR: Kostsov, E. G. (Leningrad); Lisker, I. S. (Novosibirsk) B ORG: none TITIE: Complex method for automated investigation of the physical properties of semiconductor diodes [This paper was presented at the 6th All-Union Conference on Automatic Control and Methods of Electrical Measurement held at Novosibirsk in Sept., 1964] SOURCE: Avtometriya, no. 3, 1965, 106-112 TOPIC TAGS: semiconductor diode , analog digital converter, dielectric material ABSTRACT: A method is described for determining the characteristics of semiconductor diodes during continuous variation of external factors within one physical experiment. Results of the experiment (primary information signals) are simultaneously recorded by a pen-recording instrument and an analog-digital converter; then the information produced is processed by computer. This system increases the speed of experimentation and the occuracy of measurements of the parameters in question. This method can be used for investigation of the physical processes connected with contact phenomena in semiconductors and dielectrics. Orig. art. has: 1 table, 6 figures and 2 formulas. [JPRS] SUB CODE: 09 / SUBM DATE: 24Nov64 / ORIG REF: 007 / OTH REF: 001 621.382.2/3

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JTHOR: Kostsov, E. G. (Novosibirsk); Mikhaylovskiy, I. P. (Novosibirsk)

ORG: none

TITLE: Thin-film capacitors and the possibility of using them in measuring instruments 18 25

SOURCE: Avtometriya, no. 6, 1965, 28-35

TOPIC TAGS: thin film capacitor, measuring instrument

ABSTRACT: Conventional thin-film capacitors, their construction and characteristics are briefly described. Ta capacitors cannot be used successfully at frequencies over 10 kc. Attention is drawn to the potentialities of Al-Al₂O₃ capacitors; although Al capacitors are slightly larger because of lower cof Al₂O₃, they have these advantages: the nondissolving-electrolyte processing, which permits accurate control of the oxide-film thickness; high electric strength of the oxide film; simple method of spraying of Al film; good reproducibility of characteristics; wide class of materials suitable for backings; time stability of characteristics. These experimental curves

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are shown: specific capacitance vs. backing temperature (100-300C); electric strength vs. oxide-film thickness; leakage-current density vs. applied voltage (10-100 v). Al film capacitors are suitable for operation up to 10 or 20 Mc; their temperature coefficient of capacitance is -200x10-6 per 1C within -180+240C. On the strength of the above results, the Al thin-film capacitors are recommended for use in electric measuring instruments. Orig. art. has: 6 figures, 1 formula, and 1 table.

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EEC(k)=2/EWA(h)/EWT(1)/EWT(m)/T/EWP(t)L ·20740-66 IJP(c)ACC NR: AP6007539 SOURCE CODE: UR/0410/65/000/006/0036/C044 AUTHOR: Vinogradov, M. G. (Novosibirsk); Mikhaylovskiy, I. P. (Novosibirsk); Konyayev, S. I. (Novosibirsk); Kostsov, E. G. (Novosibirsk) ORG: none TITLE: Prospects for using thin-film diodes in measuring instruments Sounce: Avtometriya, no. 6, 1965, 36-44 TOPIC TAGS: semiconductor diode, thin film diode, measuring instrument ABSTRACT: Three types of thin-film diodes are in use: (1) Diodes with spacecharge-limited current; (2) Diodes with oxide films whose functioning depends on metal-oxide-boundary phenomena; (3) Heterojunction diodes. Their prinicpal characteristics and the physical phenomena transpiring in them are discussed. The results of an experimental investigation of the second and third types with 0.01 and 0.0003 cm active surface (9 diodes per cm2) are reported. Current-voltage characteristics of Ti-oxide-film diodes are shown; these diodes can operate at temperatures up to 2000; their characteristics do not deteriorate with time (2.5 yrs). Cd8 heterojunction diodes exhibit very steep characteristics; at 0.2-0.4 v, their forward currents are considerable; at -3-4 v, their reverse currents are 10-40 microamp. At temperatures over 100C, their reverse current rapidly increases. After 100 hrs of continuous operation, the forward current (initially 2 ma) increased by Card UDC: 681.20+621.382

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KOSTSOV, E.G.; LISKER, I.S.

Complex method for automated study of the physical properties of semiconductor diodes. Avtometriia no.3:106-112 '65.

(MIRA 19:1)

1. Submitted Dec. 16, 1964.

AUTHOR: Gasand TITLE: Thin-fi CITED SOURCE: TOPIC TAGS: th tellurium TRANSLATION: O structure were segment, after I ~ V " law, w to 2. The reve over 10000. Th mechanism of t hypotheses tha	EVIT (m)/ETC/EWG(m)/EWP(t)/EWP(b) IJP(c) 3524 SOURCE CODE: UR/ 25. Elektronika i yeye primeneniye, Abs. 25. Elektronika i yeye primeneniye, Abs. 25. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 27. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 29. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 20. L. S.; Dagman, E. I.; Kostsov, E. G.; 21. L. S.; Dagman, E. I.; Kostsov, E. G.; 21. L. S.; Dagman, E. I.; Kostsov, E. G.; 22. L. S.; Dagman, E. I.; Kostsov, E. G.; 23. L. S.; Dagman, E. I.; Kostsov, E. G.; 24. L. S.; Dagman, E. I.; Kostsov, E. G.; 24. L. S.; Dagman, E. I.; Kostsov, E. G.; 24. L. S.; Dagman, E. I.; Kostsov, E. G.; 24. L. S.; Dagman, E. I.; Kostsov, E. G.; 25. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 26. L. S.; Dagman, E. I.; Kostsov, E. G.; 27. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 28. L. S.; Dagman, E. I.; Kostsov, E. G.; 29. L. S.;	8B198 Petrosyan, V. I.; Skok, E. M. sk, 1965, 123-132 ctric current, cadmium sulfide, thin-film metal-CdS-Te-metal acteristic has a resistive rard direction according to voltage increases, n decreases ctification factor, at 1 v, is sumed to be similar to the a trap-type dielectric. Various calcuted. The assumption of a	
SUB CODE: 09			
Card 1/1	UDC: 6	21.382.2:621.319.546.22148	

KOSTSOV, G.V.

Rate of runoff of surface water in drainage basins. Meteor. i gidrol. no.10:36-37 0 '63. (MIRA 16:11)

1. Voronezhskiy inzhenerno-stroitel'nyy institut.

KOSTSOV, G. V., Cand Tech Sci -- (diss) "Water erosion of soil and the campaign against it under the conditions of the Voronezh Oblast." Voronezh, 1960. 22 pp; (Ministry of Agriculture RSFSR, Voronezh Agricultural Inst); 150 copies; price not given; (KL, 19-60, 134)

VASIL'YEV, D.S., kand.sel'khoz.nauk; ANNEMKOVA, G.N., nauchnyy sotr.;

BARTENEV, V.A., nauchnyy sotr.; KOSTSOV, P.A.

Using 2, 4-D for controlling offset weeds in fall-plowed fields.

Zemledelie 23 no.8:64-66 Ag '61.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh i
efiromaslichnykh kul'tur (for Vasil'yov, Annenkova, Bartenev).

2. Glavnyy agronom opytno-agronom o

SOV/124-59-1-56

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 1, p 6 (USSR)

AUTHOR: Kostsov, R.I.

TITLE: Functions of Air-resistance for the Solution of Problems of the External

Ballistics

PERIODICAL: Tr. Leningr. voyen, -mekhan. in-t, 1957, Nr 6, pp 400-408

ABSTRACT: The author performs a research on the transformation of the existing laws

of resistance (laws of Ciacchi, Garnier, Eberhard, and Havre) into a law of resistance satisfying the modern requirements of the external ballistics/3

of projectiles. Diagrams of the function $K_1(v)$ and a table of the values

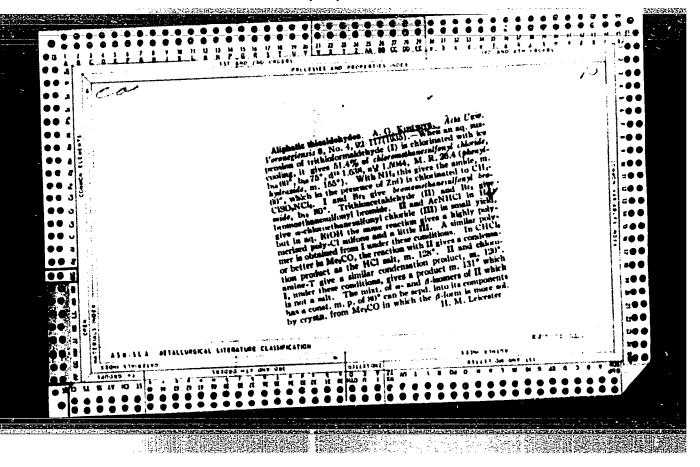
of $K_1(v)$ within the range of velocities from 150 to 1,300 m/sec are given.

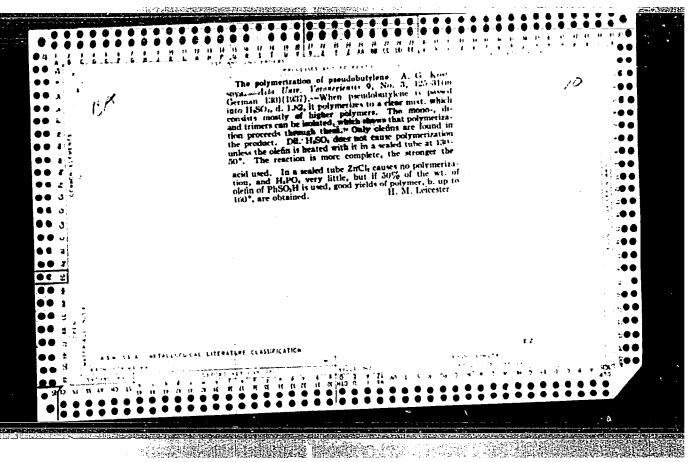
D.A. Knyazev

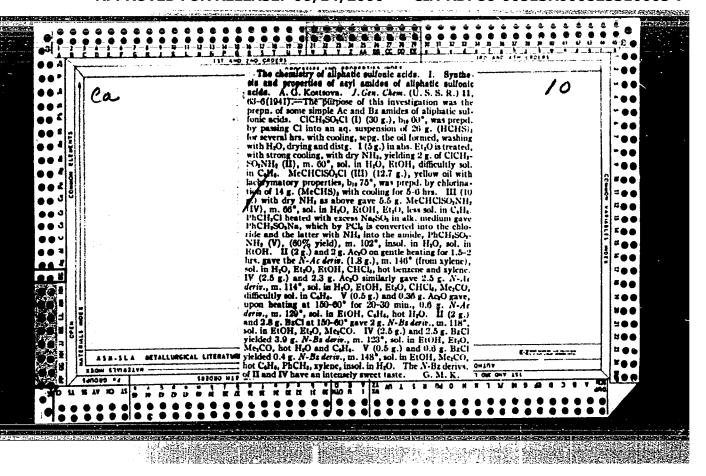
Card 1/1

MANDRYKA, Aleksey Petrovich; OKUNEV, B.N., otv. red.[deceased]; KOSTSOV, R.I., otv. red.; SUSHKOVA, T.I., red.izd-va; BOCHEVER, V.T., tekhn. red.

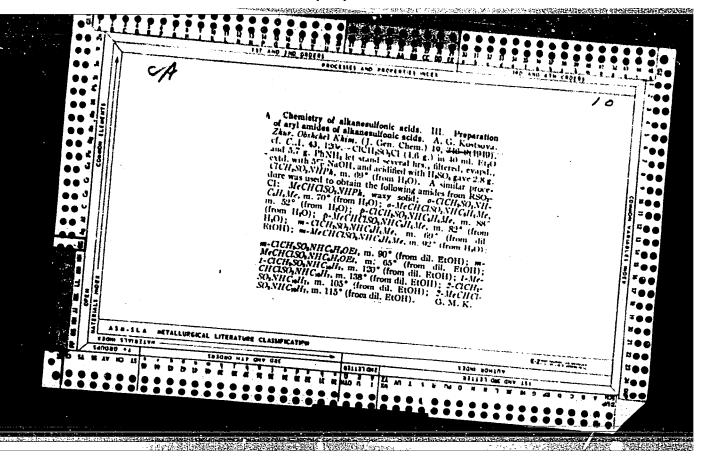
[History of ballistics; to the middle of the 19th century] Istoriia ballistiki; do serediny XIX v. Moskva, Izd-vo "Nauka." 1964. 374 p. (MIRA 17:2)

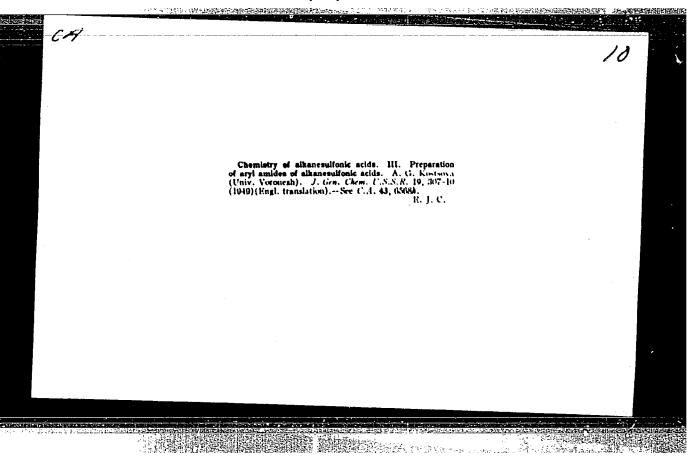




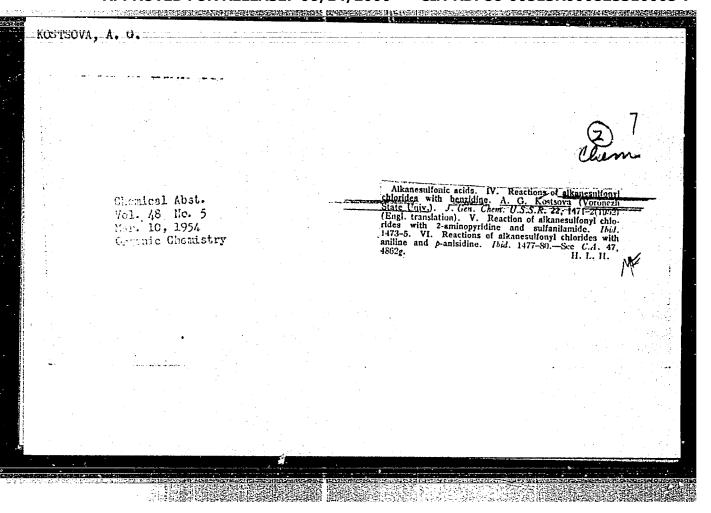


STSOVA, A. G.	Pi	1 8/49 11.7	
	USSR/Chemistry - Acids, Sulfo, Prep- Apr 48 aration		-
	Chemistry - Acids, Sulfo, Prop- erties		
	"Studies in the Field of Fatty Sulfo Acids," A. G. Kostsova, Lab Org Chem, Voronezh State U, 31 pp		
	"Zhur Obshch Khim" Vol XVIII (LXXX), No 4		-
	Describes preparation and properties of the benzoyl- acetyl- and propionylamines of methane- and ethane- sulfoacids, and also the propionylamides of chlor- methane- and chlorethane sulfoacids. Submitted 23 Dec 1946.		
	8/49747		
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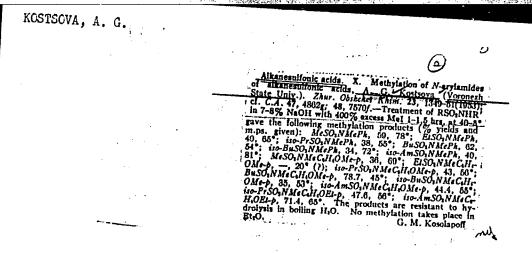


"APPROV	VED FOR RELE	ASE: 06/1	4/2000	CIA-RDP86-00513R000825310005
KCGTSOVA, A. G.	•			
	ξτ <i>ί</i> στ/9η		USSR/Chemistry - Sulfoacids (Contd) Feb 49 compounds (without chlorine in the radical) have exhibited antineurological properties. Submitted 23 Dec 46.	USSR/Chemistry - Sulfoacids Chemistry - Anilides "Research in the Chemistry of Alkylsulfoacids: III, Obtaining Arylamides of Alkylsulfoacids: A. G. Kostsova, Voronezh State U, 4 pp "Zhur Obshch Khim" Vol XIX, No 2 Obtains and lists characteristics of anilides, o-,m-, and n-toluidides, m-phenetidides, and alphachlorethanesulfo acids. Compounds obtained, of pharmacological interest since similar 16/49713



"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825310005-7



APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825310005-7

Alkanesulfonic acids. XI. Reaction of alkanesulforyl chlorides, with p-chloroaniline and p-nitroaniline. A. G. m. 59 (from dil. EtOH). Similarly was prepd. 81% to hotstyn (State Univ., Voronezh). Zaur. Ostacket Kanesca Am SO₁N Me CH, Cl-p. m. 54-57. Heating 1.5 g. MeSO₂Cl MeSO₂Cl Meson (State Univ., Voronezh). Zaur. Ostacket Kanesca Am SO₂N Me CH, Cl-p. m. 54-57. Heating 1.5 g. MeSO₂Cl Meson (State Univ., Voronezh). Zaur. Ostacket Kanesca Am SO₂N Me CH, Cl-p. m. 54-57. Heating 1.5 g. MeSO₂Cl Me CH, Cl-p. m. 54-57. Heating 1.5 g. MeSO₂Cl Meson (State Univ.) So₂N Me CH, Cl-p. m. 54-57. Heating 1.5 g. MeSO₂Cl Meson (State Univ.) Meson (State

USSR/Chemistry Reaction processes

Card

: 1/1

Pub. 151 - 20/33

Authors

Kostsova, A. G., Shvetsova, L. S., and Kalganova, I. I.

Title

Investigation of alkane-sulfo acids. Part 12.- Reaction of beta-chloroethanesulfo chloride with aromatic amines

Periodical

Zhur. ob. khim. 24/8, 1397 - 1402, August 1954

Abstract

The reaction between beta-chloroethanesulfo chloride and some aromatic amines (aniline,p-toluidine,p-anisidine, p-phenetidine,p-nitroaniline ani alpha-aminopyridine), was investigated. A new method for the derivation of beta-chloroethanesulfo chloride from dichloroethane, is described. The reaction products obtained are listed. The effect of temperature on the yields of the reaction products, is explained. Nine references:

5 USA and 4 USSR (1845 - 1953). Table.

Institution : State University, Voronezh

Submitted

: February 12, 1954

KOSTSOVA

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61509

Author: Kostsova, A. G., Pryakhina, E. A.

Institution: None

Title: Investigations of Alkane Sulfonic Acids. XIII. On Properties of

N-arylamides of Alkane Sulfonic Acids

Original

Periodical: Zh. obsh. khimii, 1955, 25, No 13, 2497-2503

Abstract: Study of salt-formation, alkylation of the salts, acylation and chlorination of C2H5SO2NHC6H5 (I). On methylation of I as well of its Na- and Ag-salts there is formed C2H5SO2N(CH3)C6H5 (II). C2H5SO2C1 (III) in contrast with CH3COC1 and C6H5COC1 (IV) reacts with I only in alkaline medium. Reaction with IV at >2000 leads to formation of CasconHC6H5 and III. On chlorination of I in lieu of N-chloramide there is formed apparently ethyl dichlorobenzene (V). To solution of 2 g I in 10 ml ether are added 0.125 g Na, to form 1 g of Na-salt of I which reacts in aqueous solution with

Card 1/2

KOSTSOUA, A.G.

USSR/Organic Chemistry - Synthetic Laganic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61454

Author: Kostsova, A. G.

Institution: None

Title: Investigations of Alkane Sulfonic Acids. XIV. Syntheses and Properties of Acetyl- and Benzoylamides of 2-methylpropane-

and 2-methylbutane Sulfonic Acids

Original

Periodical: Zh. obshch. khimii, 1955, 25, No 7, 1343-1345

Abstract: Described is the synthesis of acetyl- and benzoylamides of 2-

methylpropane sulfonic acid (I-acid) and 2-methylbutane sulfonic acid (II-acid). The obtained acid amides of pH 3.3-3.9, on interaction with Na in ether form Na-salts with yields of 70-80%. Into a solution of 5.5 g 2-methylpropane sulfonic acid chloride in 35 ml absolute ether cooled to -50-70 is passed gaseous NH3 until no more NH4Cl precipate separates. By distillation of the solution are

isolated 3.25 g 2-methylpropane sulfamide (III) as a noncrystallizing

Card 1/2

CIA-RDP86-00513R000825310005-7" **APPROVED FOR RELEASE: 06/14/2000**

USSR/Organic Chemistry - Synthetic Teganic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61454

Author: Kostsova, A. G.

Institution: None

Title: Investigations of Alkane Sulfonic Acids. XIV. Syntheses and Properties of Acetyl- and Benzoylamides of 2-methylpropaneand 2-methylbutane Sulfonic Acids

Original

Periodical: Zh. obshch. khimii, 1955, 25, No 7, 1343-1345

Abstract: Described is the synthesis of acetyl- and benzoylamides of 2methylpropane sulfonic acid (I-acid) and 2-methylbutane sulfonic
acid (II-acid). The obtained acid amides of pH 3.3-3.9, on interaction with Na in ether form Na-salts with yields of 70-80%. Into
a solution of 5.5 g 2-methylpropane sulfonic acid chloride in 35 ml
absolute ether cooled to -50-70 is passed gaseous NH3 until no more
NH4Cl precipate separates. By distillation of the solution are

isolated 3.25 g 2-methylpropane sulfamide (III) as a noncrystallizing

Card 1/2

KOSTSOVA, A.G.; YANOVA, N.M.; SUSHKO, Z.N.

Investigation of thicalkane acids. Fart 15: Chlorination of anilide; of thicalkane acids. Ehur. ob. khim. 26 no.10:2855-2859 0 '56.

(MIRA 11:3)

(Anilide) (Chlorination) (Acids. Organic)

CIA-RDP86-00513R000825310005-7 "APPROVED FOR RELEASE: 06/14/2000

AUTHOR:

Kostsova, A. G.

507/79-28-6-31/63

TITLE:

Investigation in the Field of Alkanesulfo Acids (Issledovaniye v oblasti alkansul'fokislot)

XVI. Chlorination of the Anisidides of Alkanesulfo Acids

(XVI. Khlorirovaniye anizididov alkansul'fokislot)

PERIODICAL:

Zhurnal obshchey khimii, 1958, Vol 28, Nr 6, pp. 1573-

1578 (USSR)

ABSTRACT:

Based on the previous paper (Ref 1) the chlorination of o-and p-anisidides of the same sulfo acids, viz. ethane--and butanesulfo acids was carried out. It was found that the presence of the methoxy group as well as its position in the nucleus exerts a considerable influence on the character and on the yield of the formed products, besides the small effect exerted by ethyl- and butyl radicals in the sulfoacid. In the chlorination of ethane- and butane sulfoanisidides with zinc oxides smaller yields are obtained as compared to the yields of unsubstituted anilides. In the chlorination of the o-anisidides dichloroanisidides form as main product, besides a small amount of tetrachloroanisidides - all of them being colorless crystalline compounds.

Card 1/3

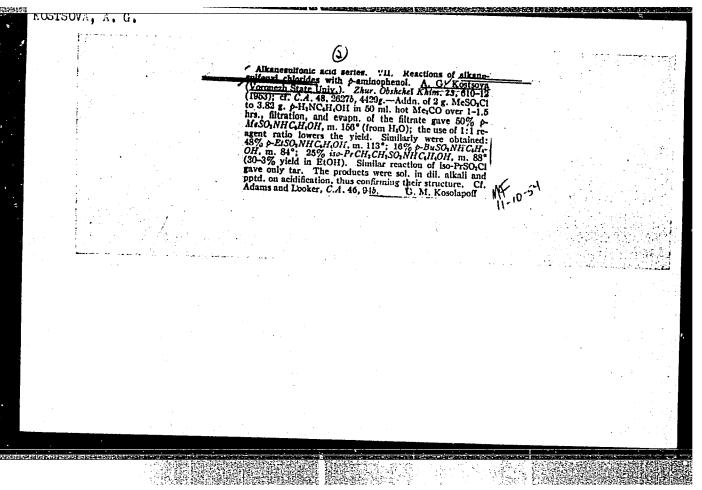
Investigation in the Field of Alkanesulfo Acids SOV/79-28-6-31/63 XVI. Chlorination of the Anisidides of Alkanesulfo Acids

Their separation could take place because of their solution ratios. In the chlorination of p-anisidides it was shown that in the case of ethane sulfoanisidide the dichloro-p--anisidide is formed as main product in a smaller yield than in the case of dichloro-o-anisidide and with a small yield of tetrachlorobenzoquinone. The chlorination of o--and p-anisidides can take place according to the common scheme 1. The results of the chlorination were obtained with gaseous chlorine. The position of chlorine in the aromatic nucleus of dichloroanisidide was proved by hydrolysis (scheme 2). The position of chlorine in dichloro--o-anisidine is not quite clear. The synthesized compounds with their data are mentioned in table 1. In the hydrolysis of the dichloroanisidides the corresponding dichloroanisidines are formed. There are 2 tables and 3 references, 2 of which are Soviet.

ASSOCIATION:

Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

Card 2/3



KOSTEGNA, A. G.

Aniline

Investigation of alkanesulfonic acids. Part 6. Reactions of alkanesulfochlorides with aniline and p-ansidine. Zhur.ob.khim. 22 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1955. Unclassified.

KOS APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825310005-7

"Investigation of alkanesulfonic acids. V. Reactions of alkane-sulfochlorides with —aminopyridine and sulfanilamide." (p. 1430)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1952, Vol. 22, No. 8

Investigation in the Field of Alkanesulfo Acids SOV/79-28-6-31/63 XVI. Chlorination of the Anisidides of Alkanesulfo Acids

SUBMITTED:

March 14, 1957

1. Organic acids--Chlorination

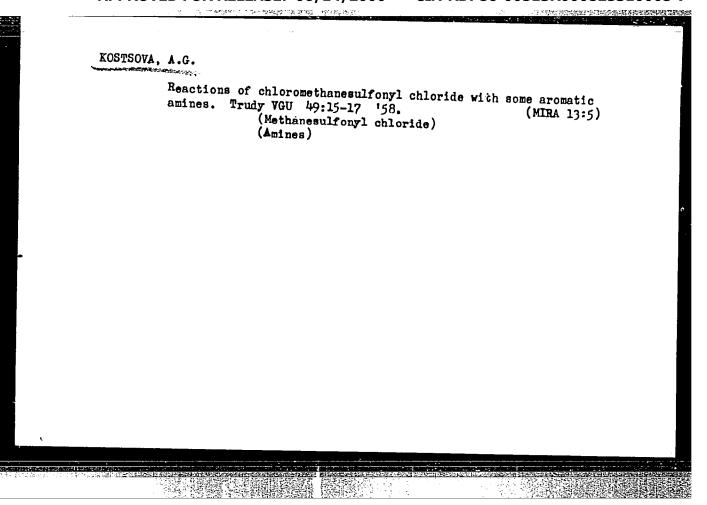
Card 3/3

KOSTSOVA, A.G.; ROBISOVA, N.T.

Alkane sulfonic acids. Part 18: Chlorination of slkane sulfonotoluidides. Zhur, ob.khim. 28 no.9:2420-2423 \$ '58.

1. Vorone zhakiy gosudarstvennyy universitet.

(Chlorination) (Toluene sulfonic acid)



5 (3)

AUTHORS: Kostsova, A. G., Gershman, R. Kh.,

SOV/79-29-6-52/72

Akin'shina, V. T.

TITLE:

Investigation in the Field of the Alkane Sulfonic Acids (Issledovaniye v oblasti alkansul'fokislot). XIX. Chlorination of the N-Aryl Amides of Methane Sulfonic Acid

(XIX. Khlorirovaniye N-arilamidov metansul'fokisloty)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 6,

pp 2012-2016 (USSR)

ABSTRACT:

The object of the present paper is the chlorination of amilide, of the toluidides and anisidides of methane sulfonic acid. The anilide chlorinates with the formation of 2,4-dichloro anilide, as is the case also with the anilides of the ethane and butane sulfonic adids (Ref 1); in the presence of ZmO better yields were obtained; the p-toluidide is chlorinated to the tetrachloro-p-toluidide; in this case however, ZnO inhibits the reaction. In the chlorination of the o-toluidide a rapid formation and a separation of the crystalline monochloroo-toluidide is observed during the first 5 minutes; in the

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case of a longer duration of the chlorination (up to 45 min) a mixture of mono- and tetrachloro-o-toluidides is formed.

Investigation in the Field of the Alkane Sulfonic SOV/79-29-6-52/72 Acids. XIX. Chlorination of the N-Aryl Amides of Methane Sulfonic Acid

The chlorination of the o- and p-anisidides leads to the dichloro anisidides; in the case of the p-anisidide, the tetrachloro benzoquinons is formed as side-product, in the case of o-anisidide, tetrachloro-o-anisidide is formed. The chlorination was carried out by means of gaseous chlorine. If the chlorination takes place with chlorine dissolved in dichloro ethane, monochloro toluidides (optimum ratio 1:2) result as main products in the chlorination of the p- and o-toluidides (at ratios of the chlorine to the initial toluidide 1:1, 1:2, 1:5, 1:4). In this connection tetrachloro toluidides form as side products in very small amounts. The determination of the position of chlorine in the nucleus by means of hydrolysis into the corresponding amine is not quite N-acetyl derivatives have very close constants

[(Formulas (1) and (2)]. Thus, the influence exercised by the structure of the N-arylamides and the influence exercised by the reaction conditions on the character of the forming compounds was shown.

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Investigation in the Field of the Alkane Sulfonic SOV/79-29-6-52/72 Acids. XIX. Chlorination of the N-Aryl Amides of Methane Sulfonic Acid

There are 5 tables and 4 references, 3 of which are Soviet.

ASSOCIATION:

Voronezhskiy gosudarstvennyy universitet (Voronezh State

University)

SUBMITTED:

March 28, 1958

Card 3/3

5(3) AUTHOR:

Kostsova, A. G.

SOV/79-29-8-65/81

TITLE:

Investigation in the Field of the Alkane Sulphonic Acids. XX. Benzoylation of the N-Arylamides of the Alkane Sulphonic Acids

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 8, pp 2739-2742 (USSR)

ABSTRACT:

Kostsova (Ref 1) recently showed that the arylamides of the alkane sulphonic acids have a tendency toward reactions in which substitutions on the nitrogen occur. It was observed that in this case both reaction conditions and the medium play a role. E.g., ethanesulphoanilide reacts with benzoyl chloride at 160° or in a pyridine medium according to scheme 1, whereas a re-acylation takes place at 200-220° and the anilide of benzoic acid forms:

RSO₂NHC₆H₅+C₆H₅COCl— C₆H₅CO — NHC₆H₅+RCl+SO₂. In the present paper a series of N-arylamides was benzoylated, such as the

anilide of methane sulphonic acid, the o- and n-toluidides, the o- and n-anisidides of the methane-, ethane-, and butane- sulphonic acids. The best results were achieved in a pyridine medium where the N-benzovl derivatives are product in a pyridine

Card 1/3

medium where the N-benzoyl derivatives are produced with higher and purer yields. The reaction at 200-220° was carried out

Investigation in the Field of the Alkane Sulphonic SOV/79-29-8-65/81 Acids. XX. Benzoylation of the N-Arylamides of the Alkane Sulphonic Acids

in the case of the n-anisidides of the ethane and butane sulphonic acids only. Here a re-acylation took place during which the anisidide of benzoic acid and traces of the N-benzoylanisidides of the corresponding ethane and butane sulphonic acids were formed. By this way (i.e. at 200-2200) the N-arylamides of the alkane sulphonic acids change into those of benzoic acid since the former become unstable at this temperature so that they decompose and form the more stable N-arylanisidides of benzoic acid. Since the benzoylation takes place at 140-150° while the re-acylation occurs at 200-220°, the author assumes that the re-acylation takes place in two stages (Scheme 3): initially a normal benzcylation of the N-arylamide proceeds, then a decomposition of the product according to the above scheme occurs under the influence of high temperature and hydrogen chloride. This is also indicated by the normal benzoylation reaction taking place in the pyridine medium, where the hydrogen chloride is bound by pyridine.

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Investigation in the Field of the Alkane Sulphonic SOV/79-29-8-65/81 Acids. XX. Benzoylation of the N-Arylamides of the Alkane Sulphonic Acids

The N-benzoyl-N-arylamides of the alkane sulphonic acids are of a crystalline nature, insoluble in water, and soluble in organic solvents (details are given in the table). There are 1 table and 3 Soviet references.

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet

(Voronezh State University)

SUBMITTED: June 27, 1958

Card 3/3

"这种国家农业企业"的国家企业的企业

KOSTSOVA, A.G.

Synthesis and properties of salts and acyl derivatives of certain alkanesulfon-N-arylamides. Trudy VCU 57:141-143
159. (MIRA 13:5)

(Sulfonamides)

S/079/60/030/011/002/026 B001/B066

AUTHORS:

Kostsova, A. G. and Leont'yeva, L. B.

TITLE:

Investigation of Alkane Sulfonic Acids. XXIII. Synthesis and Properties of Some Esters of Methane Sulfonic Acid

PERIODICAL:

Zhurnal obshchey khimii, 1960, Vol. 30, No. 11,

pp. 3541-3542

TEXT: The purpose of the present paper was the synthesis of some methane sulfonic acid esters which are described, but not sufficiently characterized, in publications, as well as some new esters of this acid. The authors obtained: bis (methane sulfonate) of ethylene glycol (I), bis (methane sulfonate) of \(\alpha\), \(\begin{align*}
\text{butylene} & \text{glycol} & \text{(II)}, \text{ tri-(methane sulfonate)} \text{ of glycerol} & \text{(III)}, \text{ methane sulfonate} \text{ of cohlorohydrin of glycerol} & \text{(V)}, \text{ of which (II)} \text{ and (V) have so far not been described. The reaction took place by mixing methane sulfochloride with the corresponding alcohol in pyridine medium under cooling with subsequent precipitation of the ester by means of acid. The esters (II) - (V) resulted in good yields, (I), however, in Card 1/2

Investigation of Alkane Sulfonic Acids. XXIII. Synthesis and Properties of Some Esters of Methane Sulfonic Acid

S/079/60/030/011/002/026 B001/B066

poor yield. There are 1 table and 4 references: 3 Soviet, 1 Belgian, 1 German, 1 British, and 1 Canadian.

ASSOCIATION: Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

SUBMITTED: July 3, 1959

Card 2/2

KOSTSOVA, A.G.; TKACHENKO, N.N.; YEVSEYEVA, I.I.

Alkanesulfonic acids. Part 24: Acetylation of some N-aryl amides of alkanesulfonic acids in the presence of aluminum chloride. Zhur.ob.khim. 31 no.7:2241-2246 Jl '61. (MIRA 14:7)

1. Voronezhskiy gosudarstvennyy universitet. (Sulfonic acid) (Amides)

Kosts	SOVA, A.G.
	Alkanesulfonic acids. Part 25: Halogenation of akanesulfonic p-phenitidides. Zhur. ob. khim. 31 no. 11:3671-3675 N '61. (MIRA 14:11)
	1. Voronezhskiy gosudarstvennyy universitet. (Sulfonic acid) (Halogenation)

KOSTSOVA, A.G.; SURNINA, L.A.

. क. १९ म. १ अस्तावर १९ १ मालाक्षा स्थाप <mark>विश्व संस्थान विश्ववस्थात स्थाप स्याप स्थाप स्</mark>

Alkanesulfonic acids. Part 26: Chlorination of ethanesulfoanilide and its N-methyl- and N-acetyl derivatives. Zhur.ob.khim. 32 no.7:2287-2289 Jl 162. (MIRA 15:7)

1. Veronezhskiy gosudarstvennyy universitet.
(Ethanesulfonic acid) (Chlorination)

ROSTSOVA, A.G.; KOSHELEVA, E.P.

Properties of A-aminopyridides of alkanesulfonic acids.
Zhur.ob.khim. 32 no.3:1009-1010 Mr '62. (MIRA 15:3)

1. Voroneshskiy gosudarstvennyy universitet.
(Pyridine) (Sulfonic acids)

KOSTSOVA, A. G., VELICHKO, I. M.; YEREMINA, T. V.

Alkanesulfonic acids. Part 27: Synthesis and properties of A-chloroethylalkane sulfonates. Zhur. ob. khim. 33 no.1: 35-38 '63. (MIRA 16:1)

1. Voronezhskiy gosudarstvennyy universitet.

(Sulfonic acids)

KOSTSOVA, A.G.

Alkanesulfonic acids. Part 28: Halogenation of alkanesulfo-A-aminopyridides. Zhur.ob.khim. 33 no.2:595-596 F '63.

(MIRA 16:2)

1. Voronezhskiy gosudarstvennyy universitet.
(Sulfohic acids) (Halogenation)

KOSTSOVA, A.G.; KOZACHENKO, E.I.

DESCRIPTION OF THE PROPERTY OF

Alkanesulfonic acids. Part 30: Synthesis and properties of some esters of ethane- and α -chloroethanesulfonic acids. Zhur. ob. khim. 34 no.10:3185-3187 0 '64. (MIRA 17:11)

1. Voronezhskiy gosudarstvennyy universitet.

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1 36711-65 EPF(c)/EMP(j)/EMT(m) Pc-4/Pr-4 PM

ACCESSION NR: AP5003122

S/0080/65/038/001/0170/0173

AUTHOR: Kostsova, A. G.; Smol'yaninova, Yu. L.; Shatalov, V. P.; Kovrizhko,

L. F.

TITLE: Synthesis of technical dodecylmercaptan

4

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 1, 1965, 170-173

TOPIC TAGS: technical dodecylmercaptan, synthesis, synthetic rubber, polymerization regulator

ABSTRACT: Technical dodecylmercaptan was synthesized from higher alcohols obtained by oxidation of paraffins at the Shebekinsk Chemical Co. of Synthetic Fatty Acids. (Shebekinskom khimicheskom kobinate sinteticheskikh zherny*kh kislot). A wide fraction of alcohols (C_9 - C_{10} - C_{12} - C_{13} - C_{14}) and a narrow fraction (C_{10} - C_{12} - C_{13}), obtained by vacuum distillation of the former, was used. The alcohols were brominated or chlorinated (HBr, or gaseous HCl) to the halcalky is which were then reacted with H_2S in an alcoholic solution of KOH. The resultant

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tests with the technic regulator for synthet ASSOCIATION: Vord University)	ans, predominantly dodecylmero can. The narrow fraction gave a cal dodecylmercaptan indicated i ic rubber. Orig. art. has: 4 tal onezhskiy gosudarstvenny*y univ	a better product. Preliminar t was a good polymerization bles
SUBMITTED: 26Dece	2 ENCL: 00 OTHER: 008	SUB CODE: GC, MT
Card 2/2		

KOSTSOVA, A.G.

Alkanesulfonic acids. Part 37: Halogenation of N-arylamides of propanesulfonic acid. Zhur. org. khim. 1 no.6:1022-1024 Je '65. (MIRA 18:7)

1. Voronezhskiy gosudarstvennyy universitet.

KOSTSOVA, A.G.; KOZACHENKO, E.I.; OSINA, O.M.; VOLOKHOVA, V.P.; MASLOVA, L.D.

Alkanesulfo acids. Part 32: Some alkanesulfomorpholides. Zhur. org. khim. 1 no.4:728-730 Ap '65. (MIRA 18:11)

1. Voronezhskiy gosudarstvennyy universitet.

SILANT'YEV, A. K; KHAYKINA, B.G; KOSTSOVA, Z. A; POLYAKOVA, L. A.

Application of tourniquet for obtaining penicillin concentration in the extremities. Vest. Knir. Grekova
70 no. 4:6-9 1950. (CLML 20:1)

1. Of the Departments of Operative Surgery and Picrobiology
of Chkalov State Medical Institute (Director — I. I. Kositsyn).

MOST SYUKEVICH, N.I. [Kastsiukevich, N.I.], kand.sel'skokhozyaystvennykh nauk; BOYKO, A.V. [Boika, A.V.], kand.sel'skokhozyaystvennykh nauk

Effect of improvement cuttings on the gross productivity of pine plantations. Vestsi AN BSSR. Ser. biial. nav. no.4:37-44 157.

(MIRA 11:6)

(FOREST MANAGEMENT) (PINE)

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KOSTUCH, Barbara; STOLTMAN, Czeslaw

Fluothane anesthesia according to our observations. Roczn. pom. akad. med. Swierczewski 9:187-197 163.

1. Z I Kliniki Chirurgicznej Pomorskiej Akademii Medycznej Kierowniks doc. dr med. Jan Kortas.
(HALOTHANE) (ANESTHESIA, INHALATION)

KOSTUCH, Ryszard

Plant vegetation on rains, conflagration remnants, and rubble in the city of Breslau. Rocz nauk roln rosl 83 no.2:403-442 '60. (EEAI 10:9/10)

1. Instytut Melioracji i Usytkow Zielonych, Krakow.

(Vegetation and climate) (Breslau)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825310005-7

POLAND

DONIGIEWICZ, Krzysztof, Dr. and KOSTUCH, Ryszard [Affiliation not given]

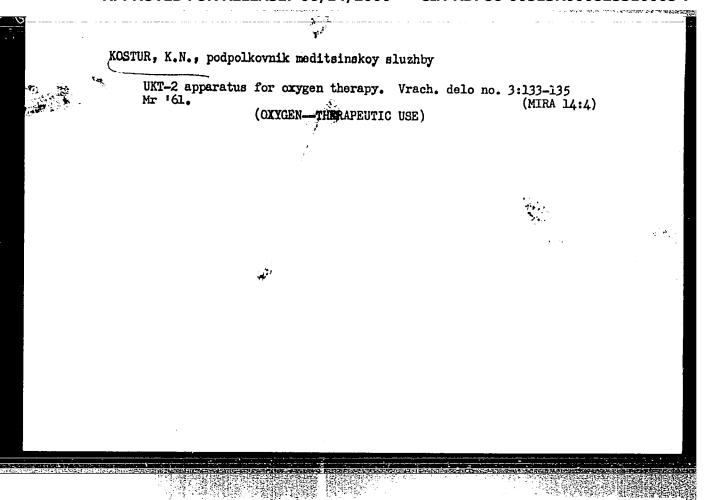
"Haematuria vesicalis bovis chronica and the Plants Growing in the Meadows and Pastures of the Powiat of Nowy Sacz." Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 5, May 63, pp 237-241.

Abstract: [Authors' English summary] The authors studied the vegetation of pasture and meadow areas in five local. ities of the Nowy Sacz powiat, where chronic bovine haematuria vesicalis maintains at a constant level. In addition to Pteridium aquilinum, the authors believe that also Alectrolophus sp., Euphrasia stricta, Pedicularis palustris, P. silvatica, Euphorbia, Equisetum palustre, E. silvaticum, Rumex, Polygonum, Galeopsis tetrachit, and G. speciosa, which are common in the area may cause the disease and urge the pursuit of research and experiments on cattle to elucidate the situation. There are 13 references, of which in Russian and French.

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Some experiences obtained thus far from cooperation and merging in road transportation in Serbia. Tehnika Jug 18 no.11:Suppl: Saobracaj 10 no.11:2133-2136 N 163.

1. Upravnik Putnickog saobrabaja "Lasta", Beograd.



18257-63 EWP(q)/EWT(m)/8DS AFFTC/ASD JD CCESSION NR: AP3002125 S/0185/63/008/006/0694/0699	3
UTHOR: Psar'ov V. I., Kostur M. L., Obstra A. V.	
ITLE: On phase separation/in alloys of Cd-Sb and In-Sb systems by centrifuging he melt.	
OURCE: Ukrains'kyy fizychnyy zhurnal, v. 8, no. 6, 1963, 694-699	
OPIC TAGS: phase separation, centrifuge separation, excess phase, liquid phase, lloy, melt, crystal growth, silver alloy, electrical conductivity, thermal lectromotive force, thermal E.M.F., transport phenomena, mercury alloy, InSb, dSb, centrifuge.	
ESTRACT: The authors suggested a method for separation of crystals of CdSb and mSb compounds from the liquid excess phase (Cd, In) by means of centrifuging the liquid melt. The composition of compounds and cooling conditions are given in a table. It was found that processes of crystal growth and separation of thases take place simultaneously as the melt is moving. The method was used for lloying CdSb crystals through alloys of Cd Sb and their subsequent separation from the excess component of the alloyed Cd. The CdSb compound was	
rom the excess component of the alloy, the alloyed Cd. The CdSb compound was lloyed with up to 1 to 1.5% of silver. This resulted in an increase in	,
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electrical conductivity and decrease in thermal electromotive force. The CdSb compound was also alloyed with mercury, with no appreciable effect on either blectrical conductivity or thermal electromotive force. The results are shown on Figs. 1 and 2 in enclosures Ol and O2, respectively. Orig. art. has: 4 figures and 1 table.					
UBMITTED: 24 Nov	•	DATE ACQ: 12 Jul 63	ENGL: 02		
SUB CODE: PH		NO REF SOV: 005	OTHER: 001		
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L 16370-65 ENT(m)/ENP(t)/ENP(b) IJP(c)/ESD(t)/AFNL/ASD(a)-5 JD ACCESSION NR: AP4044172 S/0185/64/009/008/0900/0907

AUTHOR: Kostur, M. L. (Kostur, N. L.), Psartov, V. I. (Psarev, V. I.)

TITLE: Solubility and effect on certain elements of the physical properties of InSb and CdSb

SOURCE: Ukrayins'ky*y fizy*chny*y zhurnal, v. 9, no. 8, 1964, 900-907

TOPIC TAGS: elements solubility, InSb alloy, CoSb alloy, semiconductor, emflattice parameter

ABSTRACT: The solubilities of Ga, Hg, and Bi in InSb, and of Bi in CdSb have been investigated. The concentration of the admixture was determined by x-ray diffraction analysis from the changes of the lattice parameters. The solubilities of Ga up to 10.1 at.%, of Hg up to 6.2 at.%, and of Bi up to 0.26 at.% in the InSb crystals were found to depend on their dispersion. An expression was found for the change of the InSb lattice as a function of Ga content. Alloying of InSb with Ga and Hg produces a drop of thermal emf and an increase of the concentra-